IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application Attorney Dkt No: 0093/000032

of: Heinz et al. Confirmation No.: 5170

Serial No.: 10/019,048 Group Art Unit: 1636

Filed: December 27, 2001 Examiner: Guzo, David

Title: Plants Expressing $\Delta 6$ -Desaturase Genes and Oils From these Plants Containing Pufas and Method for Producing Unsaturated Fatty Acids

RESPONSE TO OFFICE ACTION

INTRODUCTORY COMMENTS:

In response to the Office Action mailed December 23, 2008 and the advisory action of March 2, 2009:

Listing of the claims begins on page 2 of this paper. This listing of claims replaces all prior versions and prior listings of claims in the application.

Remarks begin on page 4 of this paper.